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## INDEX TO AMERICAN BOTANICAL LITERATURE

1909-1915

The aim of this Index is to include all current botanical literature written by Americans, published in America, or based upon American material; the word America being used in the broadest sense.

Reviews, and papers that relate exclusively to forestry, agriculture, horticulture, manufactured products of vegetable origin, or laboratory methods are not included, and no attempt is made to index the literature of bacteriology. An occasional exception is made in favor of some paper appearing in an American periodical which is devoted wholly to botany. Reprints are not mentioned unless they differ from the original in some important particular. If users of the Index will call the attention of the editor to errors or omissions, their kindness will be appreciated.

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**Babcock, E. B.** A new walnut. Jour. Heredity 6: 40-45. *f.* 16-19. Ja 1915.

**Bailey, W. W.** The fringed gentian. Am. Bot. 20: 124-126. N 1914.

**Ballard, W. S., & Volck, W. H.** Apple powdery mildew and its control in Pajaro valley. U. S. Dept. Agr. Bull. 120: 1-26. *pl.* 1-6 + *f.* 1-5. 3 S 1914.

**Bartlett, G.** The native and cultivated Viciae and Phaseoleae of Ohio. Ohio Nat. 15: 393-404. 18 D 1914.

**Bartlett, H. H.** Twelve elementary species of *Onagra*. Cyb. Columbiana 1: 37-56. *pl.* 1-5. 29 D 1914.

**Belling, J.** Prepotence in plant breeding. Jour. Heredity 6: 45. Ja 1915.

**Benedict, R. C.** What is the habitat of *Ophioglossum vulgatum*? Am. Fern. Jour. 4: 121, 122. [D] 1914.

**Black, C. A.** Branched cells in the prothallium of *Onoclea sensibilis* L. Bull. Torrey Club 41: 617-620. *pl.* 22, 23. 8 Ja 1915.

**Blake, S. F.** Notes on the ferns of the Champlain Valley. Am. Fern Jour. 4: 115-119. [D] 1914.

- Börgeesen, F.** The algal vegetation of the lagoons in the Danish West Indies. Biol. Arbejd. til Eug. Warming. 41-55. f. 1-9. 3 N 1911.
- Brannon, M. A.** Fasciation. Bot. Gaz. 58: 518-526. f. 1-7. 21 D 1914.
- Brown, N. E.** *Echinocactus minusculus*. Curt. Bot. Mag. IV. 10: pl. 8583. N 1914.  
A plant from Argentina.
- Brown, N. E.** *Salvia longistyla*. Curt. Bot. Mag. IV. 10: pl. 8590. D 1914.  
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- Buttrick, P. L.** Notes on germination and reproduction of longleaf pine in southern Mississippi. Forest Quart. 12: 532-537. f. 1, 2. D 1914.
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- Chodat, R.** Polygalaceae novae. Bot. Jahrb. Beibl. 52: 70-85. 24 N 1914.  
Includes 24 new species from Central and South America.
- Clute, W. N.** The mistletoe. Am. Bot. 20: 121-124. N 1914.  
[Illust.]
- Cockerell, T. D. A.** An early observation on the red sunflower. Science II. 41: 33, 34. 1 Ja 1915.
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- C[oulter], J. M.** Philippe Edouard Leon Van Tieghem. Bot. Gaz. 58: 527, 528. 21 D 1914. [Portrait.]
- Dahlberg, R. C.** Identification of the seeds of species of *Agropyron*. Jour. Agr. Research 3: 275-282. pl. 34-37 + f. 1-4. 15 D 1914.
- Drennan, G. T.** Pitcher plants. Am. Bot. 20: 130-132. N 1914.  
[Illust.]
- Drury, C. T.** Fern nomenclature. Am. Fern Jour. 4: 119-121. [D] 1914.

- Elliott, S. B.** The problem of food movement in trees. Forest. Quart. 12: 559-561. D 1914.
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Includes *Plagiochila alaskana*, *P. Fryei*, and *Radula polyclada*, spp. nov.
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- Farwell, O. A.** The correct name for the hemlock spruce. Bull. Torrey Club 41: 621-629. 8 Ja 1915.
- Fernald, M. L.** *Carex leptoneuria* a valid species. Rhodora 16: 213, 214. 17 D 1914.
- Fernald, M. L.** Two Newfoundland Antennarias. Rhodora 16: 196, 197. 17 D 1914.
- Fernald, M. L.** A new maritime *Polygonum* from Nova Scotia. Rhodora 16: 187-189. 17 D 1914.  
*Polygonum acadiense* sp. nov.
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- Fernald, M. L.** The western variety of *Maianthemum canadense*. Rhodora 16: 210, 211. D 1914.
- Fernald, M. L., & Macbride, J. F.** The North American variations of *Arctostaphylos Uva-ursi*. Rhodora 16: 211-213. D 1914.  
*Arctostaphylos Uva-ursi coactilis* n. var.
- Floyd, F. G.** The rediscovery of a historic collection of Massachusetts plants. Rhodora 16: 185-187. 17 D 1914.
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- Heald, F. D., & Walton, R. C.** The expulsion of ascospores from the perithecia of the chestnut blight fungus, *Endothia parasitica*. (Murr.) And. Am. Jour. Bot. 1: 499-521. f. 1, 2. D 1914.
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- Humphrey, H. B.** Studies on the relation of certain species of *Fusarium* to the tomato blight of the Pacific Northwest. Washington Agr. Exp. Sta. Bull. 115: 1-22. pl. 1-4. O 1914.
- Jeffrey, E. C.** Some fundamental morphological objections to the mutation theory of De Vries. Am. Nat. 49: 5-21. f. 1-7. Ja 1915.
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Forty-two new species described.
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- Meyer, R.** Die Varietäten der *Echinopsis Pentlandii* S.-D. Monats. Kakteenk. **24**: 133-139. 15 O 1914.
- Muenschner, W. L. C.** Flora of Whatcom County, Washington—II. *Muhlenbergia* **9**: 117-132. 26 D 1914.
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- Nieuwland, J. A.** Abnormal flowering of *Hepatica*. Am. Mid. Nat. **4**: 11-13. Ja 1915.
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Includes *Nesothamnus*, *Pappothrix*, *Leptopharynx*, *Amauriopsis*, *Cephalobembix*, *Trichymenia*, gen. nov., and 35 new species in *Venegazia* (1), *Psilostrophe* (3), *Baileya* (3), *Perityle* (5), *Leptopharynx* (3), *Laphamia* (2), *Loxothysanus* (1), *Bahia* (2), *Hulsea* (3), *Tetracarpum* (2), *Hymenopappus* (5), *Othake* (1), *Rigiopappus* (1), *Chaenactis* (3).
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